

ABSTRACT OF THE DISCLOSURE

A control apparatus of a zoom lens is disclosed which automatically and accurately performs flange focal distance adjustment with a simple structure in a zoom lens of a rear focus type. The control apparatus comprises a memory which stores in-focus position data of a second lens unit with respect to the position of a first lens unit which provides variable magnification. A controller sets a reference position of the second lens unit for position control of the second lens unit with the in-focus position data based on an in-focus position of the second lens unit for an object at anywhere from the minimum object distance to the infinite distance when the first lens unit is located at the wide-angle end.